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TITLE: High tensile strength porous film prodn. - by
reducing material contg. keratin then graft polymerising
with acrylonitrile and dissolving out redn. prod.

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Basic Abstract Text - ABTX (1):

A material contg. keratin (e.g. wool, feather, etc.) is reduced to cleave the disulphide bond in the keratin to form thiol gp. and the reaction prod. is graft polymerised with acrylonitrile or with acrylonitrile and a copolymerisable monomer opt. in the presence of a graft polymerisation initiator. The grafted prod. is formed into film and made porous by dissolving out the redn. prod. of keratin which has not been subjected to the graft polymerisation.